

60227 IEC 53

300/500 V. 70°C FLEXIBLE CONDUCTOR
PVC INSULATED AND SHEATHED, 2 CORES



APPLICATION

- Use for connecting portable electric appliances (heavy duty)
- Use for connecting lamp

TESTING VOLTAGE : 2,000 Volts

REFERENCE STANDARD :

TIS 11 PART 5-2553, TABLE 9

CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 0.75, 1, 1.5 & 2.5 mm²

INSULATION : Polyvinyl chloride type PVC/D

SHEATHED : Polyvinyl chloride type PVC/ST5

CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

300/500 Volts (U₀/U)

300 Volts between Line to Earth (U₀)

500 Volts between Line to Line (U)

Technical Data



TIS 11 PART 5-2553, TABLE 9

Nominal cross sectional area	Conductor type	Maximum diameter of wires	Nominal insulation thickness	Nominal sheathed thickness	Overall diameter		Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
					minimum	maximum					
mm ²	Class	mm	mm	mm	mm	mm	Ω/km	MΩ·km	A	kg/km	m
0.75	5	0.21	0.6	0.8	5.7	7.2	26.0	0.011	6	60	100/C
1	5	0.21	0.6	0.8	5.9	7.5	19.5	0.010	10	70	100/C
1.5	5	0.26	0.7	0.8	6.8	8.6	13.3	0.010	16	93	1,000/D
2.5	5	0.26	0.8	1.0	8.4	10.6	7.98	0.009	25	140	1,000/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

Core Color : Blue, Brown

การใช้งาน

- ใช้ต่อเข้าเครื่องใช้ไฟฟ้าชนิดหีบยกได้ (ใช้งานหนัก)
- ใช้ต่อเข้าดวงโคม